

D1 indicating the content entities within and arrangement of the content object,

storing ones of the plurality of content entities within the data repository as a plurality of individually accessible file objects, wherein each file object contains one content entity, and

enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and arrangement of the content object.

D2 11. (Thrice Amended) A method for storing at least one hierarchically structured content object having a plurality of content entities in a data repository, comprising the steps of:

for each content object,

storing as a file object within the data repository an outline of containers and content entity identifiers defining the content and hierarchy of the content object,

storing ones of the plurality of content entities within the data repository as a plurality of individually accessible file objects, wherein each file object contains one content entity, and

enabling modification of the presence and position of containers and content entity identifiers within said outline by a user to alter the content and hierarchy of the content object.

D3 23. (Thrice Amended) A method for retrieving a content object from a data repository, the content object being stored within the data repository as a file object containing an ordered list of content entity identifiers indicating the content entities within and arrangement of the content object, comprising the steps of:

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retrieving the file object containing the list of content entity identifiers, wherein each content entity is stored as an individually accessible file object within the data repository;
enabling modification of the presence and position of content entity identifiers within the list by a user to alter the content and arrangement of the content object;
for each content entity identifier, retrieving the individually accessible file object corresponding to the identified content entity; and
inserting the content entity into the ordered list at the location of its content entity identifier.

24. (Thrice Amended) A method for constructing a content object, the contents of the content object being defined by an ordered list of content entity identifiers identifying one or more content entities each stored in a data repository as an individually accessible file object, comprising the steps of:

enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and structure of the content object;
for each content entity identifier, retrieving the individually accessible file object corresponding to the identified content entity; and
inserting the content entity into the ordered list at the location of its content entity identifier.

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26. (Thrice Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for storing at least one content object including a plurality of content entities in a data repository, the

method steps comprising:

for each content object,

storing as a file object within the data repository a list of content entity identifiers

D4 indicating the content entities within and arrangement of the content object,

storing ones of the plurality of content entities within the data repository as a plurality of individually accessible file objects, wherein each file object contains one content entity, and

enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and arrangement of the content object.

D5 36. (Thrice Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for storing at least one hierarchically structured content object including a plurality of content entities in a data repository, the method steps comprising:

for each content object,

storing as a file object within the data repository an outline of containers and content entity identifiers defining the content and hierarchy of the content object,

storing ones of the plurality of content entities within the data repository as a plurality of individually accessible file objects, wherein each file object contains one content entity, and

enabling modification of the presence and position of containers and content entity identifiers within said outline by a user to alter the content and hierarchy of the content object.

48. (Thrice Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for retrieving a content object from a data repository, the content object being stored within the data repository as a file object containing an ordered list of content entity identifiers indicating the content entities within and arrangement of the content object, the method steps comprising:

retrieving the file object containing the list of content entity identifiers, wherein each content entity is stored as an individually accessible file object within the data repository;

enabling modification of the presence and position of content entity identifiers within the list by a user to alter the content and arrangement of the content object;

for each content entity identifier, retrieving the individually accessible file object corresponding to the identified content entity; and

inserting the content entity into the ordered list at the location of its content entity identifier.

49. (Thrice Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for constructing a content object, the contents of the content object being defined by an ordered list of content entity identifiers identifying one or more content entities each stored in a data repository as an individually accessible file object, the method steps comprising:

enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and structure of the content object;

for each content entity identifier, retrieving the individually accessible file object corresponding to the identified content entity; and

D6 inserting the content entity into the ordered list at the location of its content entity
identifier.

D7 51. (Thrice Amended) A system for storing at least one content object including a
plurality of content entities in a data repository, comprising:

means for storing, as a file object within the data repository, a list of content entity
identifiers indicating the content entities within and arrangement of the content object,

means for storing ones of the plurality of content entities within the data repository as a
plurality of individually accessible file objects, wherein each file object contains one content
entity, and

means for enabling modification of the presence and position of content entity identifiers
within said list by a user to alter the content and arrangement of the content object.

D8 61. (Thrice Amended) A system for storing at least one hierarchically structured content
object including a plurality of content entities in a data repository, comprising:

means for storing an outline of containers and content entity identifiers for each content
object, the outline being stored as a file object within the data repository and defining the content
and hierarchy of the content object,

means for storing ones of the plurality of content entities within the data repository as a
plurality of individually accessible file objects, wherein each file object contains one content
entity, and

means for enabling modification of the presence and position of containers and content
entity identifiers within said outline by a user to alter the content and hierarchy of the content

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object.

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73. (Thrice Amended) A system for retrieving a content object from a data repository, the content object being stored within the data repository as a file object containing an ordered list of content entity identifiers indicating the content entities within and arrangement of the content object, comprising:

means for retrieving the file object containing the list of content entity identifiers, wherein each content entity is stored as an individually accessible file object within the data repository;

means for enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and arrangement of the content object;

means for retrieving the individually accessible file object corresponding to each content entity identifier; and

means for inserting the content entity into the ordered list at the location of its content entity identifier.

74. (Thrice Amended) A system for constructing a content object, the contents of the content object being defined by an ordered list of content entity identifiers identifying one or more content entities each stored in a data repository as an individually accessible file object, comprising:

means for enabling modification of the presence and position of content entity identifiers within said list by a user to alter the content and structure of the content object;

means for retrieving the individually accessible file object corresponding to each content

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D9 entity identifier; and

means for inserting the content entity into the ordered list at the location of its content

entity identifier.--
